

17SL-CC00078

Project Submittal: Approval

August 11, 2015

Mike Loyet
St John Vianney High School
1311 South Kirkwood Road.
Saint Louis, MO 63122

RE: Saint John Vianney High School
Project #171842

Dear Mr. Mike Loyet,

This letter is to serve as our request for approval of submittals for production provided by Musco Sports Lighting, LLC. Please review the enclosed documents for accuracy and note changes where appropriate. Upon your approval, we can begin custom fabrication of the materials for your project.

The following items need verified prior to beginning the manufacturing process:

- Pole locations as shown on equipment layout or scans

We shall deliver equipment to the job site 4 - 6 weeks, after submittal approval or release of order.

Please indicate your approval of these submittals in their entirety by signing below.

Authorized Signature

Date

Printed Name

Company Name

Please return one copy of this form to:

MUSCO SPORTS LIGHTING, LLC.
Attn: Matt Stranberg
2107 Stewart Road
Muscatine, Iowa 52761
Phone: 800-756-1205
Fax: 800-374-6402

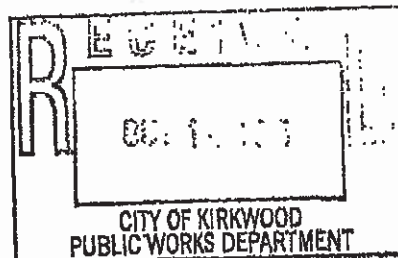


EXHIBIT "6"

**MUSCO LIGHTING SUBMITTAL FOR PRODUCTION
PREPARED FOR:**

Saint John Vianney High School

**Baseball Lighting Project
Saint Louis, MO
August 11, 2015**

Project #171842

Submitted by:

Musco Sports Lighting, LLC

2107 Stewart Road
Muscatine, Iowa 52761
Local Phone: 563-263-2281
Toll Free: 800-756-1205
Fax: 800-374-6402



We Make It Happen.

Project Submittal: Table of Contents

A. BILL OF MATERIALS

B. LIGHTING DESIGN

Computer Model - Light Level Scans
Drawing # 171842-D, dated 14-Jul-15

C. LIGHTING CONTACTOR CABINETS

System Summary - Drawing # 171842P1V1-0811110903, dated 11-Aug-15

D. STRUCTURAL INFORMATION

Drawing # 171842

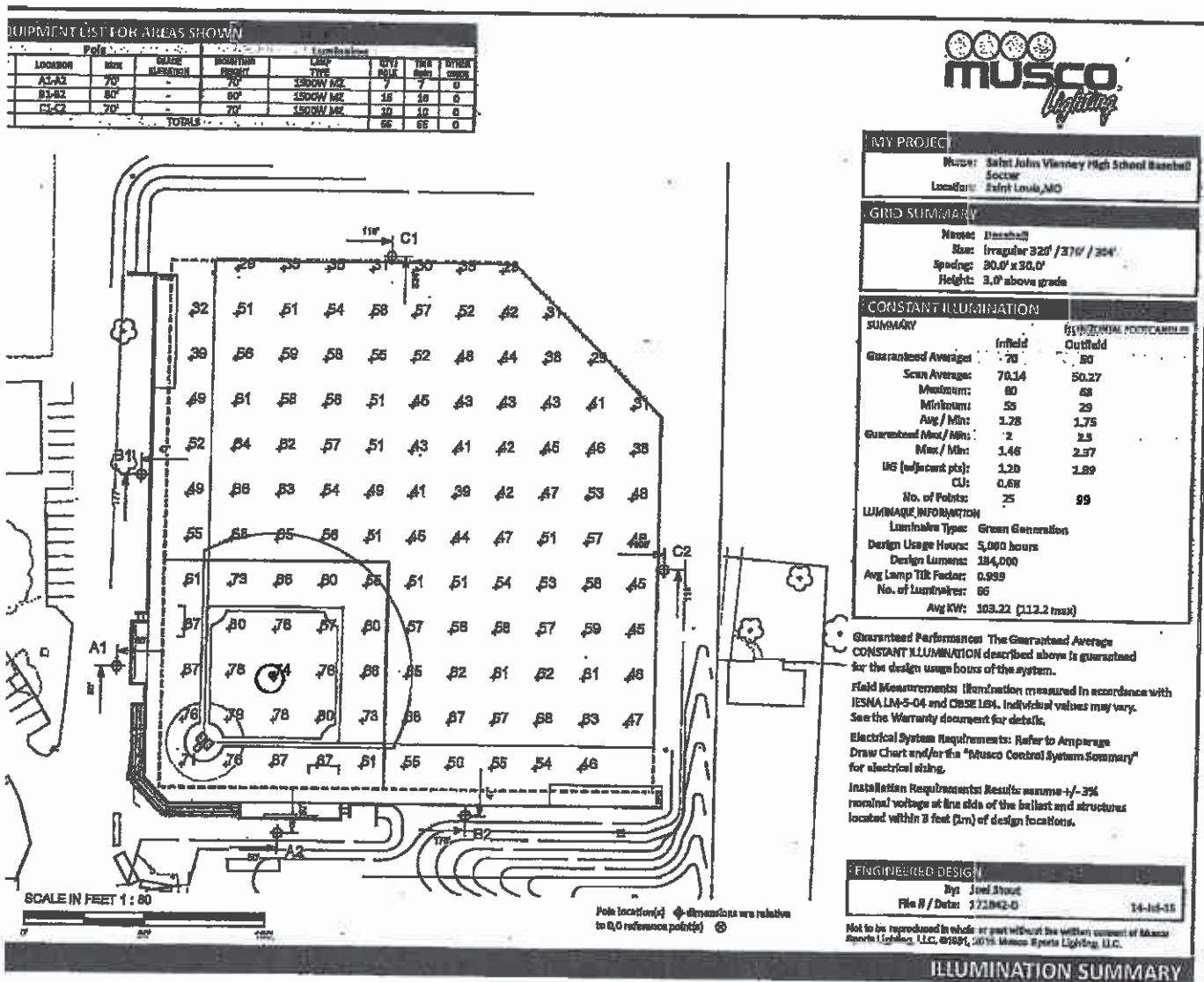
E. WARRANTY

Musco 10/2 Warranty

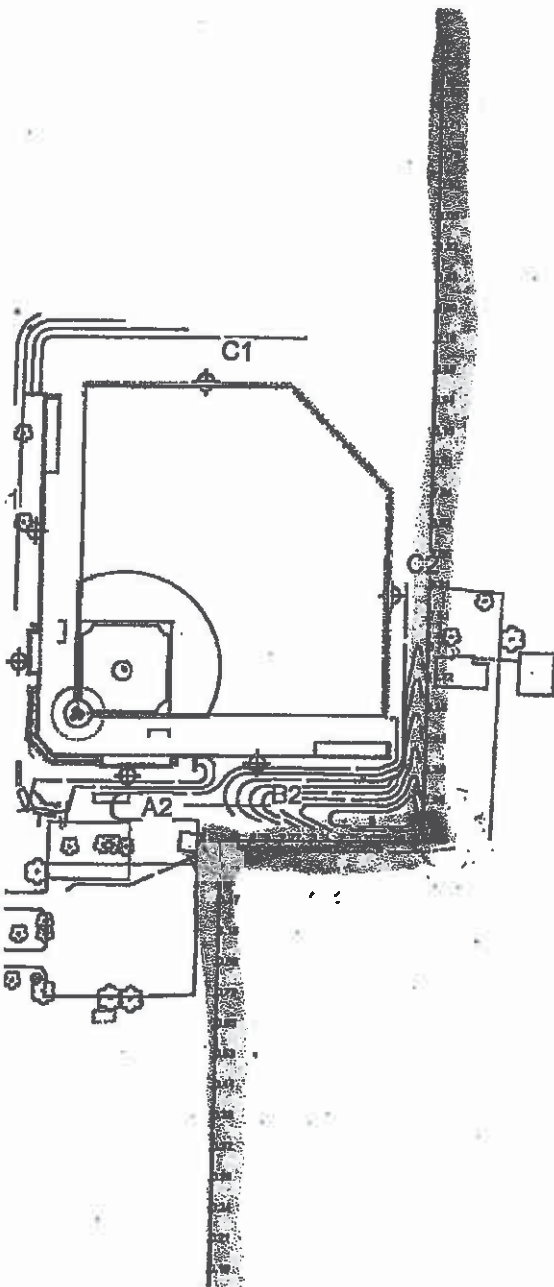
F. PRODUCT INFORMATION

Pole Configuration Drawings
Light-Structure Green Component Drawings
Lighting Contactor Cabinet Datasheet
Smart Lamp 1500W_60Hz Datasheet
UL Letter

B. LIGHTING DESIGN



Luminaires			
LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
00W MZ	7	7	0
00W MZ	16	16	0
00W MZ	10	10	0
	66	66	0

**MY PROJECT**

Name: Saint John Vianney High School Base
Soccer
Location: Saint Louis, MO

GRID SUMMARY

Name: Property Line Spill
Spacing: 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY	MAX VERTICAL FOOTCAND
Entire Grid	
Scan Average:	2.5890
Maximum:	10.72
Minimum:	0.14
No. of Points:	53
LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Design Usage Hours:	5,000 hours
Design Lumens:	134,000
Avg Lamp Tilt Factor:	0.999
No. of Luminaires:	66
Avg KW:	103.22 (112.2 max)

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the design usage hours of the system.

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

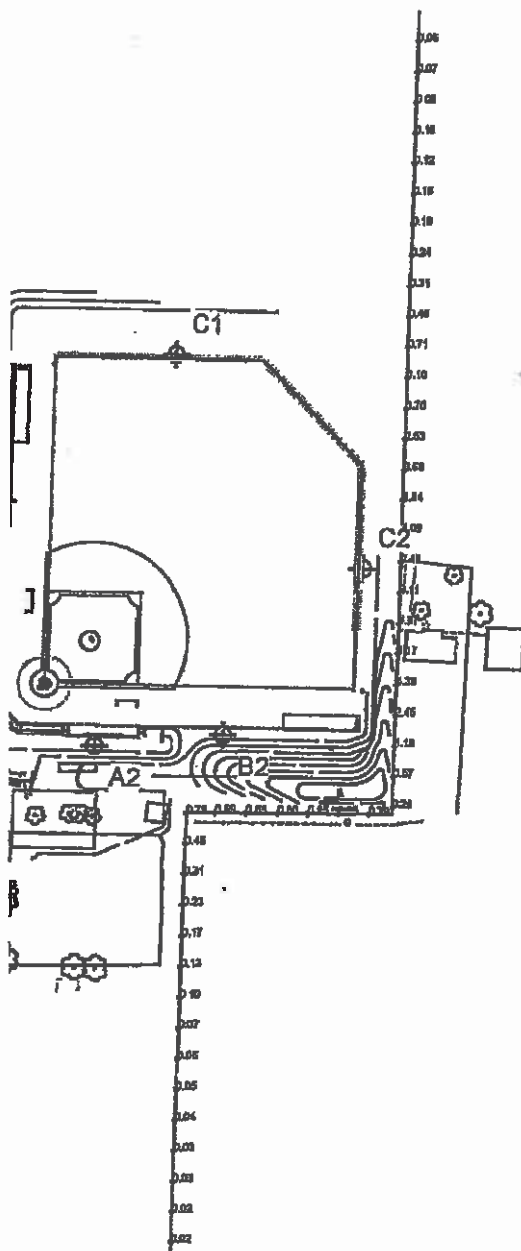
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

ENGINEERED DESIGN

By: Joel Stout

Luminaires			
AP	QTY / POLE	THIS GRID	OTHER GRIDS
/ MZ	7	7	0
/ MZ	16	16	0
/ MZ	10	10	0
	66	66	0



Pole location(s) Ⓢ dimensions are relative to 0,0 reference point(s) ⊗



MY PROJECT

Name: Saint John Vianney High School Baseball
Soccer
Location: Saint Louis, MO

GRID SUMMARY

Name: Property Line Split
Spacing: 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY HORIZONTAL FOOTCANDLES

Entire Grid
Scan Average: 0.9750
Maximum: 5.17
Minimum: 0.01
No. of Points: 53

LUMINAIRE INFORMATION

Luminaire Type: Green Generation
Design Usage Hours: 5,000 hours
Design Lumens: 134,000
Avg Lamp Tilt Factor: 0.999
No. of Luminaires: 66
Avg KW: 103.22 (112.2 max)

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the design usage hours of the system.

Field Measurements: Illumination measured in accordance with IESNA LM-S-04 and CIBSE LB4. Individual values may vary. See the Warranty document for details.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

ENGINEERED DESIGN

By: Joel Stout
File # / Date: 171842-D

14-Jul-15

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